

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/39339

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 15/06
US CL : 250/338.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : Please See Continuation Sheet

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,420,706 B1 (LURIE et al.) 16 JULY 2002 (16.07.02), see entire document.	1-3
X	US 6,498,347 B2 (SAUER et al.) 24 DECEMBER 2002 (24.12.02), see entire document.	1-3
X	US 2002/0127760 A1 (YEH et al.) 12 SEPTEMBER 2002 (12.09.02), see entire document.	16, 17
Y,P	US 6,707,121 B2 (DE MOOR et al.) 16 MARCH 2004 (16.03.04), see entire document.	1-3, 16-17
Y,P	US 6,805,839 B2 (CUNNINGHAM et al.) 19 OCTOBER 2004 (19.10.04), see entire document.	1-3, 16-17
Y	US 6,080,988 A (ISHIZUYA et al.) 27 JUNE 2000 (27.06.00), see entire document.	1-3, 16-17
Y,P	US 6,903,860 B2 (ISHII) 07 JUNE 2005 (07.06.05), see entire document.	1-3, 16-17
Y,P	US 2005/0017313 A1 (WAN) 27 JANUARY 2005 (27.01.05), see entire document.	1-3, 16-17

<input type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>	See patent family annex.
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search 09 September 2005 (09.09.2005)	Date of mailing of the international search report 27 OCT 2005
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer <i>Sydeia Dell Tor</i> David Porta Telephone No. 571-272-2444

Form PCT/ISA/210 (second sheet) (April 2005)

BEST AVAILABLE COPY